

## EPO antibody

**Cat. No. GTX100813**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, ELISA
<b>Reactivity</b>	Human, Rat

**Package**  
100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
IHC-P	1:100-1:1000
ELISA	1:1000-1:10000

Not tested in other applications.

**Calculated MW** 21 kDa. ([Note](#))

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.68 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human EPO. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

**Note**

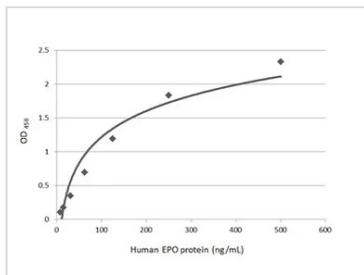
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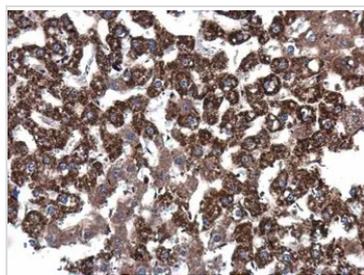
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DATA IMAGES



**GTX100813 ELISA Image**

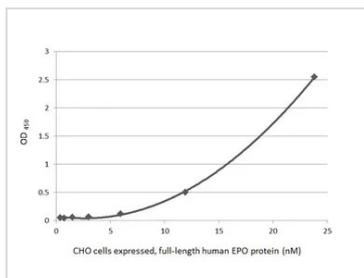
Indirect ELISA analysis was performed by coating the plate with recombinant E.coli expressed, full-length human EPO protein, His and GST tag (active) (GTX00422-pro) (500-7.81 ng/mL). Coated protein was probed with EPO antibody (GTX100813) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



**GTX100813 IHC-P Image**

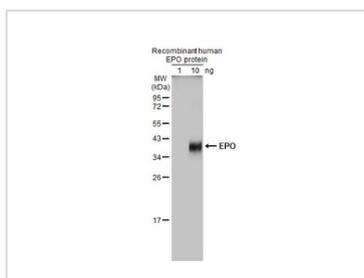
EPO antibody detects EPO protein at cytoplasm in rat liver by immunohistochemical analysis. Sample: Paraffin-embedded rat liver. EPO antibody (GTX100813) diluted at 1:400.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



**GTX100813 ELISA Image**

Indirect ELISA analysis was performed by coating the plate with recombinant CHO cells expressed, full-length human EPO protein (23.81-0.37 nM). Coated protein was probed with EPO antibody (GTX100813) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



**GTX100813 WB Image**

Recombinant human EPO protein (with glycosylation) expressed in CHO cells were separated by 12% SDS-PAGE, and the membrane was blotted with EPO antibody (GTX100813) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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